

CATERHAM AND WARLINGHAM URBAN DISTRICT COUNCIL.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
and of the
CHIEF SANITARY INSPECTOR
for the year
1947.

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To the Chairman and Members of the Urban District
Council of Caterham and Warlingham.

REPORT OF THE MEDICAL OFFICER OF HEALTH.

Mr. Chairman, Mesdames and Gentlemen,

I beg to present the Annual Report for 1947.

STATISTICS.

Area	...	...	...	...	...	...	8,250 acres.
Population :	The Registrar General's estimate of the Civilian Population at mid-year 1947 was						
	...	...	...	...	...	...	27,830.
(The estimated resident population at mid-year 1939 was	...	...	...	...	...	...	27,100)
Number of Inhabited Houses at end of 1947 according to Rate Books	...	...	...	...	...	...	7,055.
Rateable Value	...	...	...	...	...	...	£276,219.
Sum represented by penny rate	...	...	...	...	...	...	£1,151.

The district is a residential area.

The Registrar General's estimate of the resident population for 1947 shews an increase of 930. The natural increase in population, i.e. excess of births over deaths, was 279.

Live Births.

		<u>Total.</u>	<u>Males.</u>	<u>Females.</u>
Legitimate ...	541	297	287	254
Illegitimate ...	27	271	10	17
	<u>568</u>	<u>568</u>	<u>297</u>	<u>271</u>

Birth Rate per 1,000 of the estimated
resident population ... 20.41

Still Births.

		<u>Total.</u>	<u>Males.</u>	<u>Females.</u>
Legitimate ...		13	6	7
Illegitimate ...		-	-	-
		<u>13</u>	<u>6</u>	<u>7</u>

Rate per 1,000 total(live and still)
births ... 20.84.

Deaths.

		<u>Total.</u>	<u>Males.</u>	<u>Females.</u>
		289	144	145
Death Rate per 1,000 of the estimated resident population ...			10.38.	

Deaths of Infants under one year of age.

		<u>Total.</u>	<u>Males.</u>	<u>Females.</u>
Legitimate ...		10	5	5
Illegitimate ...		-	-	-
		<u>10</u>	<u>5</u>	<u>5</u>

Death Rate of Infants under one year of age.

All Infants per 1,000 live births ... 17.60.
Legitimate Infants per 1,000
legitimate live births ... 33.67.
Illegitimate Infants per 1,000
illegitimate live births ... -
Deaths from Measles (all ages) ... 0.
Deaths from Whooping Cough (all ages) ... 0.
Deaths from Diarrhoea (under 2 years of age) 0.

There was no unusual or excessive mortality
during the year.

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY FOR THE YEAR 1947.

	Rate per 1,000 Civilian Population	Annual Death-rate per 1,000 Population										Rate per 1,000 Live Births.
	Live Births.	Still Births.	All Causes.	Enteric Fever.	Small-Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales	20.5	0.50	12.0	0.00	0.00	0.01	0.00	0.02	0.01	0.09	5.8	41.7
136 County Boroughs and Great Towns, including London. ...	23.3	0.62	13.0	0.00	0.00	0.02	0.00	0.03	0.01	0.09	6.0	47.
146 Smaller Towns (Estimated Resident Populations 25,000 - 50,000. Census 1931).	22.2	0.54	11.9	0.00	0.00	0.02	0.00	0.02	0.01	0.08	3.7	36.
London Administrative County ...	22.7	0.49	12.8	0.00	-	0.01	0.00	0.02	0.01	0.06	4.8	37.
Getherham and Warrlingham Urban District	20.41	0.46	10.38	0.00	-	-	-	-	0.00	0.11	-	17.6

* - dash (-) signifies that there were no deaths.

† - per 1,000 related births.

‡ - Rates per 1,000 total population.

REGISTRAR GENERAL'S RETURN OF CAUSES OF
DEATH IN THE DISTRICT.

<u>Causes of Death.</u>					<u>Males.</u>	<u>Females.</u>
All Causes	...	...	...	...	144	145
1. Typhoid and Paratyphoid Fevers	...				1	1
2. Cerebro-spinal Fever	...	...	...		1	1
3. Scarlet Fever	...	...	...	...	1	1
4. Whooping Cough	...	...	...	...	1	1
5. Diphtheria	...	...	...	...	1	1
6. Tuberculosis of Respiratory System					5	5
7. Other forms of Tuberculosis	...				1	2
8. Syphilitic diseases	...	...	...		1	2
9. Influenza	...	...	...	...	2	1
10. Measles	...	...	...	...	1	1
11. Acute Poliomyelitis and Polio- encephalitis	...	...	...		1	1
12. Acute infantile encephalitis	...				1	1
13. Cancer of buccal cavity and Oesophagus (male) Uterus (female)			...	...	1	2
14. Cancer of Stomach and Duodenum	...				1	5
15. Cancer of Breast	...	...	...		1	5
16. Cancer of all other sites	...	...	...		17	15
17. Diabetes	...	...	...	...	1	2
18. Intra-cranial vascular lesions	...				13	19
19. Heart Diseases	...	...	...	...	55	40
20. Other diseases of circulatory system					10	12
21. Bronchitis	...	...	...	...	5	5
22. Pneumonia	...	...	...	...	5	2
23. Other respiratory diseases	...				1	2
24. Ulcer of Stomach or Duodenum	...				1	1
25. Diarrhoea under 2 years	...	...	...		1	1
26. Appendicitis	...	...	...	...	1	1
27. Other digestive diseases	...	...	...		1	1
28. Nephritis	...	...	...	...	6	3
29. Puerperal and post-abortion sepsis					1	1
30. Other maternal causes	...	...	...		1	1
31. Premature birth	...	...	...		1	1
32. Congenital malformations; birth injuries; infantile diseases					5	5
33. Suicide	...	...	...	...	1	1
34. Road Traffic accidents	...	...	...		1	1
35. Other violent causes	...	...	...		2	1
36. All other causes	...	...	...		10	13

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Public Health Officers of the Authority:-

MEDICAL OFFICER OF HEALTH:

C. Grant Nichol, M.B., B.S., D.P.H. (To 25/1/47).

F.T. Hill, M.C., M.R.C.S., L.R.C.P. (Acting)

CHIEF SANITARY INSPECTOR:

* † John J. Carden, M.S.I.A., A.R.San.I.

ADDITIONAL SANITARY INSPECTOR:

♠ † Frederick R. Allerton, M.S.I.A.

TEMPORARY ASSISTANT SANITARY INSPECTOR:

E.R. Rogers, A.S.I.A. (To 19/4/47).

ACTING GENERAL CLERK:

Mrs. E.M. King.

TEMPORARY JUNIOR CLERK:

Miss B. Good.

Note: The symbols placed in front of the names of the Sanitary Inspectors indicate the following qualifications:-

- * Sanitary Inspector's Certificate (R.S.I.)
- ♠ Sanitary Inspector's Certificate (R.S.I. & S.I.E.J. Board)
- † Certificate for Inspectors of Meat & Other Foods.

Ambulance facilities.

No change. The local divisions of the St. John Ambulance Brigade continued to provide a satisfactory ambulance service in this district.

Laboratory facilities.

From January 1st 1947 the Council commenced to utilize the Public Health Laboratory Service at Epsom at an agreed quarterly payment. From April 1st 1947, no charge was made for the work undertaken by the Service for the Council.

The facilities afforded by The Clinical Research Association of London are also available for certain specimens and for the chemical examination of water.

Nursing in the Home.

As in past years, home nursing was carried out by members of the local Nursing Associations.

Clinics and Treatment Centres.

No change.

Hospitals.

No change.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

The water supply for this district, which is constant, is obtained from the East Surrey Water Company which has works and resources in neighbouring areas,

During 1947, the supply was satisfactory in quality and in quantity. It was lime softened and chlorinated.

Only water going into supply was sampled in this district. Water is sampled systematically by Public Health Officers of the several districts supplied by the Company. Four samples of the company's treated water were submitted by this department for bacteriological examination and one sample was subjected to a chemical examination. A copy of the Analyst's report on the latter sample taken in October, 1947 from a tap in Woldingham is given hereunder:-

CHEMICAL EXAMINATION.	Parts per 100,000	Grains per Gallon
Total solids (dried at 180° C) ...	14.0	9.8
Combined chlorine (as Cl) ...	1.8	1.3
equivalent to Sodium Chloride (NaCl) ...	3.0	2.1
Nitric nitrogen (Nitrates) ...	0.04	0.03
Nitrous nitrogen (Nitrites) ...	Nil	Nil
Ammoniacal nitrogen. ...	0.0046	0.0032
Albuminoid nitrogen. ...	Nil	Nil
Oxygen absorbed in 4 hours at 27° C. ...	0.02	0.01
Lead or Copper ...	Nil	Nil
Temporary hardness (equivalent to CaCO ₃) ...	5.5	3.9
Permanent hardness { " " " } ...	3.0	2.1
Total hardness. { " " " } ...	8.5	6.0

All four samples of the Company's treated supply were reported to be bacteriologically satisfactory, and the details of the reports are given overleaf.

BACTERIOLOGICAL EXAMINATION.	Sample of			
	5. 2.47.	8.5.47.	6.8.47.	30.10.47.
The average number of organisms producing visible colonies on Yeastral agar plates incubated at 22° C for three days. ...	21 per ml.	460 per ml.	4 per ml.	2 per ml.
The average number of organisms producing visible colonies on Yeastral agar plates incubated at 37° C for two days. ...	15 per ml.	11 per ml.	7 per ml.	1 per ml.
Probable number of coliform bacilli present, ...	none per 100 ml.	none per 100 ml.	none per 100 ml.	none per 100 ml.

The water is not liable to have plumbo-solvent action.

As a result of an enquiry as to the cause of continued opalescence of the water supply of an isolated country property, samples of water were taken for examination. The bacteriological examination reports shewed that the water was contaminated. Further investigations led to the discovery of a foul private reservoir, which proved to be the source of contamination. Nine samples of water obtained from a local bore were also submitted to bacteriological examination: the first sampling was sub-standard but subsequent samples taken after the storage tanks had been thoroughly cleansed and properly covered gave satisfactory results.

All dwelling-houses provided with the Company's water have the supply within the premises and standpipes are non-existent. Only 11 dwellings (approximately 0.1%) in an undeveloped rural section of the district are without a public water supply. About 3,500 feet of main is required to afford a piped supply to ten of these properties and the provision of such supply was again considered by the Public Health Committee of the Council, who in May 1948, came to the conclusion that the cost of extending the water main to these ten properties could not be regarded as reasonable and decided not to recommend the Council to take any further action at the present time.

Drainage and Sewerage.

No works of sewerage were undertaken in 1947. Many more sewers are required in this district and these should be provided as soon as it is practicable so to do. I have to remind the Council that the alternative is to operate more and more cesspool emptiers.

Closet Accommodation.

A number of pail closets exists in the non-sewered rural parts of the district, and must await conversion until the sewers are extended to such areas.

Public Cleansing.

1. House Refuse.

No new collecting vehicles were purchased during the year, and worn-out vehicles were still in use on this service in 1947, but by the end of the year the frequency of collection was approaching that of pre-war times. Refuse is disposed of by means of "controlled tipping". The frequent break-down of the old Caterpillar Angledozer, which was used to spread, consolidate and seal the refuse, from time to time rendered proper control of the tip ineffective and complaint regarding the breeding of flies in the freshly deposited refuse was made to this department.

2. Cesspool Emptying.

Details of the work done are given in the Chief Sanitary Inspector's report on page 18.

Sanitary Inspection of the Area.

Details of the Sanitary Inspection of the district are given in the Chief Sanitary Inspector's report (pages 16-22).

Smoke Abatement.

No action was necessary.

Swimming Baths.

There is no public owned swimming bath in this district. The one bath in this area to which the public in previous years had been admitted on payment was not available for use in 1947.

A few visits were made to the bath at a local boarding School where a new Chlorinator had been installed. Tests were made to determine the amount of free chlorine present in this bath water and three samples of water proved to be bacteriologically satisfactory.

Schools.

Much work requires to be done to make the local primary schools comply with the new standard for school premises. The installation of water in closets long overdue at Woldingham County Primary School has still to be realized.

The public water supply is available at all schools and is satisfactory.

The issue of notices to Head Teachers concerning cases of Infectious Diseases has been continued during the year; copies of such notices were also supplied to the Health Visitor concerned.

FACTORIES.

1. Inspections.

Premises.	Number on Register.	Number of		
		Inspect- ions.	Written Notices.	Occupiers prosecuted.
Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities.	37	14	1	-
Factories not included above in which Section 7 is enforced by Local Authorities.	63	62	4	-
Other premises in which Section 7 is enforced by the Local Authority (excluding out- workers' premises)	5	3	-	-
TOTAL	105	79	5	-

2. Defects.

Particulars	Number of cases in which defects were found				No. of cases in which prosecu- tions were ins- tituted.
	Found	Remedied	REFERRED		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness(S.1)	7	5	-	1	-
Overcrowding (S.2)	1	-	-	-	-
Unreasonable temperature(S.3)	3	1	-	-	-
Inadequate ventilation(S.4)	3	1	-	-	-
Ineffective drainage of floors(S.6)	-	-	-	-	-
Sanitary Conveniences(S.7)					
(a) insufficient	3	2	-	1	-
(b) unsuitable or defective	5	4	-	2	-
(c) not separate for sexes	1	-	-	-	-
Other offences against the Act (not including offences relating to Outwork).	9	7	-	-	-
TOTAL	32	20	-	4	-

4. Defaults, etc., notified by H.M. Inspector
of Factories on Form 144 :-

Notified 5

Remedied 2

HOUSING STATISTICS.

(a) New Houses.

Number of New Houses erected during the
year :-

(i) By the Local Authority 136

(ii) By other Local Authorities Nil

(iii) By other bodies and persons 83

TOTAL 219

(b) Existing Houses.

1. Inspection of Dwelling-Houses during the Year.

Total number of dwelling-houses inspected
for housing defects (under Public
Health or Housing Acts) 282

2. Remedy of Defects during the Year without Service
of formal Notices.

Number of defective dwelling-houses
rendered fit in consequence of
informal action by the Local
Authority or their Officers. 97

3. Action under Statutory Powers during the Year.

(a) Proceedings under Sections 9, 10
and 16 of the Housing Act, 1936. Nil.

(b) Proceedings under Public Health Acts:-

(i) Number of dwelling-houses in
respect of which notices were
served requiring defects to be
remedied 9

(ii) Number of dwelling-houses in
which defects were remedied
after service of formal
notices:-

(a) By Owners 11

(b) By Local Authority in
default of Owners Nil

(c) Proceedings under Section 11 and
13 of the Housing Act, 1936:-

(i) Number of dwelling-houses in
respect of which Demolition
Orders were made 3

(ii)	Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	Nil
(d)	Proceedings under Section 12 of the Housing Act, 1936	...	...	Nil
ø - Includes notices served in 1946.				

4. Overcrowding.

(a)	(i)	Number of dwellings overcrowded at the end of the year	...	...	20
	(ii)	Number of families dwelling therein	...	...	31
	(iii)	Number of persons dwelling therein	...	...	125
(b)		Number of cases of overcrowding reported during the year	...	...	13
(c)	(i)	Number of cases of overcrowding relieved during the year	...	...	6
	(ii)	Number of persons concerned in such cases	...	...	51
(d)		Number of cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.			0

INSPECTION AND SUPERVISION OF FOOD.

MILK.

Details of the inspection of dairies and cowsheds and the results of the examination of milk samples are given on pages 20 and 21.

The following licences under the Milk (Special Designations) Regulations were issued:-

Pasteuriser's Licences. 3

Dealer's Principal Licences:

Tuberculin Tested 9

Pasteurised 3

Dealer's Supplementary Licences:

Tuberculin Tested 2

Pastourised 2

Food & Drugs Act 1938 - Adulteration.

Hereunder is a table showing the work carried out under the Food & Drugs Act by the County Authority.

Articles.	Analysed			Adulterated or Deteriorated.		
	Formal.	Informal.	Total.	Formal.	Informal.	Total.
Milk	63	16	79	12	2	14
Butter	1	1	1	-	-	-
Cheese	1	1	1	-	-	-
Margarine	1	1	1	-	-	-
Meat	1	1	1	-	-	-
Sugar	1	1	1	-	-	-
Sausages	2	-	2	1	-	1
Spirits	1	1	1	-	-	-
TOTALS	65	22	87	13	2	15

A successful prosecution was undertaken in connection with the adulterated sample of sausage meat.

Chemical and Bacteriological Examinations of Food.

Bacteriological examinations of milk were carried out by The Public Health Laboratory Service. The results of these examinations are given on pages 20 and 21.

INFECTIOUS AND OTHER DISEASES.

Notifiable Infectious Diseases.

The cases of notifiable diseases, excluding Tuberculosis, reported among the Civilian population during the year are shown in the table on page 13.

Diphtheria.

2 cases were notified, as compared with none in the previous year. One case, a women of 71, died soon after admission to hospital. The second case, a child of six years who had not been immunised, recovered. Facilities for free immunisation against Diphtheria have been provided by the Council since 1940.

338 children under the age of 5 years and 60 children aged 5 to 15 years were protected during 1947. It is estimated that at the end of 1947 43.5% of the child population under 5 years and 77.9% of the children aged 5 to 15 years had completed a full course of immunisation. 322 children of school age received a "boosting" dose.

Poliomyelitis.

Of the 5 cases notified, at least 2 made a complete recovery; 3 cases still had some residual paralysis in the early part of 1948 and 2 of these were receiving treatment.

INFECTIOUS AND OTHER DISEASES.

		Number of cases Notified.															Totals								
		At ages - years																							
Diphtheria Scarlet Fever Typhoid Fever Pneumonia Erysipelas Typhenteria Polio-myelitis Whooping Cough Measles Cerebro Spinal Fever	NOTIFIABLE DISEASES.	At all ages																							
		Under 1 year.																							
2		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
28		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
10		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
4		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
7		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
5		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
32		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
283		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
1		1	2	3	4	5	10	15	20	35	45	65 and over	Caterham North-West. (including L.C.C. Hospital)	Caterham North-East.	Caterham West.	Caterham East.	Caterham South.	Warlingham East.	Warlingham West.	Chelidon.	Woldingham.	Wryteleafe.	Total number of cases removed to Hospital.	Total Deaths.	
372		4	18	33	35	48	170	27	16	14	4	3	1	86	44	75	77	65	9	6	13	7	12	39	9

Scarlet Fever.

28 cases were notified as compared with 42 in 1946, 52 in 1945, 53 in 1944, 168 in 1943 and 78 in 1942.

The cases were of a mild character.

Typhoid Fever.

No cases were notified, as compared with four cases in the previous year. The death of a case notified from a hospital in 1946 was recorded.

Whooping Cough.

32 cases were notified as compared with 6 in the year 1946, 26 in the year 1945 and 44 in 1944.

Measles.

282 cases were notified as against 14 in the year 1946.

There were no deaths.

Non-notifiable Infectious Diseases.

Scabies..

One male and one woman attendant were engaged for part-time service in the Scabies Clinic throughout the year.

90 cases of Scabies came to the notice of the department during 1947 as compared with 240 in 1946, 384 in 1945, 137 in 1944, 180 in 1943 and 82 in 1942.

187 paintings with Benzyl Benzate Emulsion and 28 treatments with Sulphur Jelly were given to patients and to 40 contacts.

One notice under the Scabies Order 1941 requiring attendance for medical examination was served and complied with.

Bacteriological Examinations.

The following specimens were examined:-

	Positive.	Negative.	Total.
Swabs for Klebs Loeffler Bacillus	0	24	24
Swabs for Streptococcus Haemolyticus	4	10	14
Sputa for Tubercle Bacillus	-	4	4
Hairs for Micro- sporon	0	2	2
TOTAL	4	40	44

TUBERCULOSIS

New cases and Mortality during the Year 1947.

Age periods.	New cases.				Deaths.			
	Respiratory.		Non Respiratory.		Respiratory		Non Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0- ...	-	-	-	-	-	-	-	-
1- ...	-	-	2	-	-	-	1	-
5- ...	-	-	1	-	-	-	-	-
10- ...	-	-	-	2	-	-	-	1
15- ..	1	2	1	1	1	-	-	-
20- ...	-	4	1	1	-	3	-	-
25- ...	8	10	3	-	1	2	-	-
35- ...	3	3	1	1	1	1	-	1
45- ...	4	2	-	-	-	-	-	-
55- ...	1	-	-	-	-	1	-	-
65 & upwards	-	1	-	-	-	-	-	-
TOTALS	17	22	9	5	3	7	1	2

Three deaths from non-pulmonary Tuberculosis were notified posthumously.

No action was necessary in connection with the exclusion from work of employees in the milk trade or for the compulsory removal to hospital of infectious persons.

I am, Madames and Gentlemen,

Your obedient Servant,

F.T.HILL.

Acting Medical Officer of Health.

REPORT OF THE CHIEF SANITARY INSPECTOR. =====

Mr. Chairman, Mesdames and Gentlemen,

I beg to submit my report for the year
1947.

COMPLAINTS.

446 complaints were received as follows:-

Re drainage and sanitary defects	...	...	...	224.
" housing defects	...	...	...	103.
" rodents	...	...	...	31.
" insect pests	...	...	...	26.
" foodstuffs	...	...	...	4.
" nuisances from refuse	...	...	...	7.
" nuisances from the keeping of animals	...	...	...	8.
" alleged overcrowding	...	...	...	12.
" dirty premises	...	...	...	11.
Miscellaneous	...	...	...	20.
				<u>446.</u>

This shews a small increase over the previous
highest total of 438 which was recorded in 1946.

INSPECTIONS.

The following table shews the inspections
made during the year :-

Primary Inspections of premises	...	...	...	827.
Re-Inspections after service of notices	...	...	...	996.
Visits to Work in progress	...	...	...	231.
" " Caravans	...	...	...	13.
" " Factories (excluding Bakehouses)	...	...	...	63.
" " Bakehouses	...	...	...	42.
" " Cowsheds and Dairies	...	...	...	193.
" " Other Food Premises	...	...	...	509.
" " Public Conveniences	...	...	...	8.
" " Refuse and Salvage Depots	...	...	...	24.
" " Stables and Piggeries	...	...	...	16.
" " Hairdressers' and Barbers' premises	...	...	...	11.
" " Shops under Shops Acts	...	...	...	137.
Patrols under Shops Acts	...	...	...	42.
Visits re Overcrowding...	...	...	...	96.
" " Rodent Control	...	...	...	43.
" " Insects Pests	...	...	...	43.
" " Scabies	...	...	...	8.
" " Notifiable Infectious Diseases	...	...	...	135.
" " Diphtheria Immunisation	...	...	...	42.
" " Cesspool Emptying	...	...	...	263.
" " Milk Samples	...	...	...	120.
" " Water Samples	...	...	...	34.
Miscellaneous Visits	...	...	...	303.
				<u>4,199.</u>

SANITARY IMPROVEMENTS.

The following improvements were carried out :-

Defective drains relaid or repaired	...	...	28.
Drains unstopped and cleansed	...	...	134.
Inspection chambers repaired or renewed	...	...	13.
Inspection chamber covers renewed	...	...	11.
Ventshafts or soilpipes repaired	...	...	2.
Inspection chamber covers sealed	...	...	4.
W.C.'s provided with new pans and traps	...	...	40.
W.C.'s reconstructed	...	...	3.
W.C. fittings repaired or renewed	...	...	30.
New Sinks fitted	...	...	2.
Curbs and channels to sink waste gulleys repaired or renewed	...	...	18.
Trapped waste pipes fixed	...	...	11.
Water Tests applied	...	20.	
Smoke Tests applied	...	22.	
Chimney stacks repaired	...	...	6.
Roofs repaired	...	...	28.
Guttering or downpipes provided or repaired	...	...	20.
Damp walls remedied	...	...	57.
External walls repaired	...	...	14.
Yards paved or repaired	...	...	1.
Soakaways provided for rain and surface water	...	...	4.
Defective floors repaired	...	...	28.
Staircases repaired	...	...	2.
Defective windows repaired	...	...	43.
Doors repaired or renewed	...	...	11.
Stoves repaired or renewed	...	...	29.
Coppers repaired	...	...	2.
Defective wallplaster repaired	...	...	19.
Defective ceiling plaster repaired	...	...	8.
Dirty walls cleansed	...	...	12.
Dirty ceilings cleansed	...	...	8.
Dustbins provided	...	...	39.
Nuisances from refuse and manure abated	...	...	12.
Nuisance from animals abated	...	...	4.
Dirty premises cleansed	...	...	7.
Overcrowding abated	...	...	6.
Water service pipes repaired	...	...	7.
Miscellaneous defects remedied	...	...	39.

NOTICES.

Informal Notices issued	...	...	513.
Informal Notices complied with	...	...	380.
Statutory Notices served	...	...	9.
Statutory Notices complied with	...	...	11 (including 3 served in previous year).

CESSPOOL EMPTYING.

Hereunder is set out the work done by motor emptiers in 1947:-

In Urban District.

<u>Area.</u>	<u>1947.</u> <u>Loads.</u>	<u>1946.</u> <u>Loads,</u>	<u>1945.</u> <u>Loads.</u>
Caterham ...	77	53	97
Warlingham .	99	88	81
Chaldon ...	1259	1228	1030
Woldingham .	1217	1030	861
TOTAL ...	2652	2399	2069

It was again impossible to cope with the demands for cesspool emptying without recourse to the hire of plant; hired plant removed 59 loads of 750 gallons.

In Neighbouring Areas.

<u>1947.</u> <u>Loads.</u>	<u>1946.</u> <u>Loads.</u>
42	36

The contents of four cesspools were pumped out occasionally by the use of a hand pump.

INSPECTION OF FOOD.

The following food was found to be unfit for human consumption and was destroyed or disposed of for salvage:-

MEAT

Bacon (Imported)	...	...	...	28 $\frac{1}{2}$	lbs
Beef	...	...	...	1282	lbs
Mutton	...	...	...	94 $\frac{3}{4}$	lbs
Ox Liver	...	...	...	21 $\frac{3}{4}$	lbs
Ox Tongue	...	...	...	8 $\frac{1}{2}$	lbs
Sausages	...	...	...	8	lbs
Sausage Meat	...	...	...	58	lbs

CANNED MEAT.

Corned Beef	...	...	...	540 $\frac{1}{2}$	lbs
Corned Mutton	...	...	...	89 $\frac{3}{4}$	lbs
Irish Stew	...	...	...	13	tins
Luncheon Meat	...	...	...	23	tins
M & V Ration	...	...	...	20	tins
Meat Pies	...	...	...	24	
Minced Beef Loaf	...	...	...	2	tins
Pork Sausage	...	...	...	30	tins
Potted Meat	...	...	...	9	tins
Steak & Kidney Pudding	...	...	...	7	tins
Stewed Steak	...	...	...	32	tins
Roast Beef	...	...	...	1	tin

OTHER CANNED FOOD.

FISH.

Brisling	...	...	...	1	tin
Col Roe	...	...	...	1	tin
Cray Fish	...	...	...	1	tin
Hake	...	...	...	11	tins
Herrings	...	...	...	219	tins
Mackerel	...	...	...	1	tin
Pilchards	...	...	...	49	tins
Salmon	...	...	...	54	tins
Sardines	...	...	...	10	tins
Sild	...	...	...	2	tins
Snock	...	...	...	1	tin

FRUIT.

Apples	...	...	...	4	tins
Apricots	...	...	...	1	tin
Fruit Salad	...	...	...	2	tins
Grapefruit	...	...	...	4	tins
Peaches	...	...	...	14	tins
Pears	...	...	...	8	tins
Plums	...	...	...	65	tins
Plums	...	...	...	8	bottles
Rhubarb in Syrup	...	...	...	1	tin

MILK.

Condensed	...	...	...	65	tins
Dried Household	...	...	...	10	tins
Evaporated	...	...	...	596	tins
F.C.Sweetened	...	...	...	7	tins
F.C.Unsweetened	...	...	...	1	tin
Skimmed	...	...	...	1	tin

PRESERVES.

Guava Jelly	...	...	...	1	tin
Jam	...	...	...	52	tins
Lemon Curd	...	...	...	7	jars
Marmalade	...	...	...	13	tins
Marmalade	...	...	...	2	jars
Syrup	...	...	...	4	tins

Soups.

...	...	...	38	tins
-----	-----	-----	----	------

Spaghetti.

...	...	...	2	tins
-----	-----	-----	---	------

Date Pudding.

...	...	...	1	tin
-----	-----	-----	---	-----

Treacle Pudding.

...	...	...	1	tin
-----	-----	-----	---	-----

VEGETABLES

Beans in Tomato Sauce	...	...	118	tins
Beetroot	...	...	8	tins
Cabbage	...	...	9	tins
Carrots	...	...	37	tins
Mixed Vegetables	...	...	17	tins
Parsnips	...	...	7	tins
Peas	...	...	363	tins
Potatoes	...	...	18	tins
Tomatoes	...	...	18	tins
Spinach	...	...	5	tins

OTHER FOODS.

Bengers Food	...	...	...	1	tin
Biscuits	...	...	...	4	lbs
Butter	...	...	...	3 $\frac{1}{4}$	lbs
Cheese Trimmings	...	...	...	3	lbs
Cheese	...	...	...	1	tin
<u>Cereals</u>					
All Bran	...	...	...	3	pkts
Flour	...	...	...	3	bags
Oats	...	...	...	711	lbs
Fruit Lollies	...	...	...	2	lbs
Marsh Mallows	...	...	...	3 $\frac{3}{4}$	lbs
Custard Powder	...	...	...	1	pkt
Eggs	...	...	...	57	
Dried Egg	...	...	...	1	pkt
<u>Fish</u>					
Dog Fish	...	...	...	84	lbs
Herrings(fresh)	...	...	...	20	lbs
Kippers	...	...	...	280	lbs
Melts	...	...	...	40	lbs
Margarine	...	...	...	1 $\frac{1}{4}$	lbs
Pickles	...	...	...	2	jars
Potatoes	...	...	...	15 $\frac{1}{2}$	cwt
Prunes	...	...	...	264 $\frac{1}{2}$	lbs
Sponge Mixture	...	...	...	8	pkts
Swedes	...	...	...	6	cwt
Tomatoes(fresh)	...	...	...	10 $\frac{1}{2}$	lbs

MILK AND DAIRIES.

Cowkeepers:-

On register at end of 1947 ... 10

Cowsheds :-

On register at end of 1947 ... 11

Retail Purveyors of Milk on register at end of 1947:-

Retailers with dairies within	
Urban District	...
Retailers with dairies outside	
Urban District	...
Retailers registered to sell milk	
in sealed bottles only	...

146 visits to dairies and 47 to cowsheds were made during the year.

The results of tests of samples of milk taken during 1947 are given hereunder:-

Tuberculin Tested Milk (Pasteurised).

	Passed	Failed
Methylene Blue (to check probable keeping quality)	14	0
Phosphatase (to check efficiency of heat-treatment)	13	0
Coliform test	1	0

Pasteurised Milk.

		<u>Passed.</u>	<u>Failed.</u>
Methylene Blue Test(to check probable keeping quality)	...	67	9
Phosphatase Test(to check efficiency of heat-treatment)	...	73	3

Heat-treated Milk(sold as Ungraded)

Methylene Blue Test	...	4	2
Phosphatase Test	...	5	0

Raw Milk.

Methylene Blue Test	...	21	8
Coliform Test(mainly as index of cleanliness of milk bottles and utensils)	...	24	5

These results indicate that the pre-war standard in the hygienic quality of milk distributed in this district, again attained in 1946, was maintained in 1947.

ICE-CREAM.

The number of registrations with the Council under the provisions of the Food & Drugs Act 1938 was increased by three during 1947. At the end of the year the following registrations were effective:-

Premises of manufacturers who are also purveyors	...	...	6
Premises of purveyors only	...	...	24
			30

18 samples of ice-cream were submitted to the methylene blue test with the following results:-

<u>Ministry's Provisional Grade.</u>	<u>Samples.</u>	<u>Comments.</u>
1	6)	Satisfactory.
2	8)	
3	1)	Not satisfactory.
4	2)	

One unsatisfactory sample of strawberry ice-cream had a high plate count and contained coliform bacilli in 1/10ml.

RODENT CONTROL .

In this district the Rats and Mice (Destruction) Act 1919 is still operated by the County Council, the District Council having decided not to accept delegated powers offered by the County Council. 31 Complaints regarding infestations by rodents were passed to the County Supervisor of Rat Destruction during the year. Minor infestations at Council properties were dealt with by the department.

30 sewer manholes in Caterham Valley, 39 in Warlingham and Whyteleafe and 48 at Caterham-on-the-Hill were test baited with negative results.

DISINFECTION.

Number of rooms sprayed or fumigated.....	27
Bundles of bedding steam disinfected.....	6
Library books fumigated	21

DISINFESTATION.

Number of rooms sprayed or fumigated.....	19
Bundles of bedding and clothing disinfested	-
Articles of furniture disinfested	-
Wasps Nests destroyed	4

STAFF.

The staff for 1947 consisted mainly of officers of acting or temporary rank. The departure of Dr. Nicol, the Council's first full-time (shared with Godstone Rural District Council and the Joint Hospital Board) Medical Officer of Health in January after a stay of only four months and Mr. Rogers' absence on leave without pay from April to undergo training as a Sanitary Inspector, brought abnormal pressure of work on the remaining members of the staff, whose admirable services in an exacting year are acknowledged.

I am, Mesdames and Gentlemen,

Your obedient Servant,

JOHN J. CARDEN.

Chief Sanitary Inspector.

3rd November, 1948.

C/H/LAC/BG.